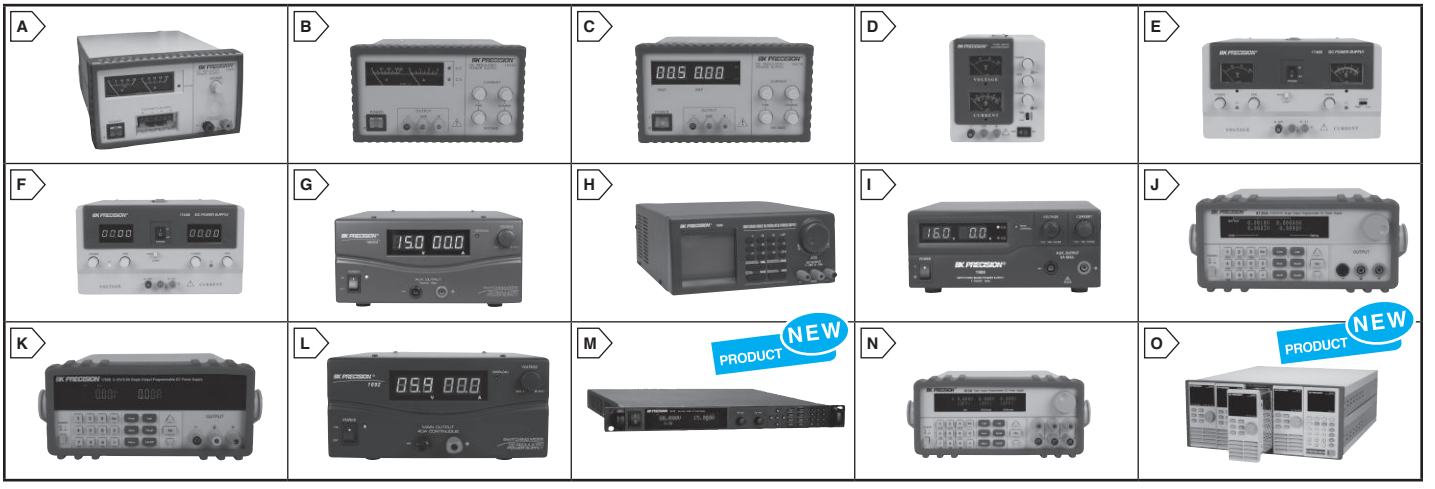
BK PRECISION Power Supplies

BK PRECISION ELECTRONIC TEST INSTRUMENTS



HIGH CURRENT DC POWER SUPPLIES

Model 1686A

Features:

- 3-14VDC output
- 12A guaranteed, 12A typical @ 13.8V
- Overload protection: short circuit, overvoltage, and reverse polarity
- Thermostatically controlled cooling fan
- Thermal protection
- Operates continuously at full load without overheating
- Connect two in parallel for more current
- Connect two in series for higher voltage
- One year warranty

MOUSER STOCK NO.	BK Precision Part No.	Fig.	Description	Price Each
615-1686A	1686A	A	High Current	

SINGLE OUTPUT DC POWER SUPPLIES

Model 1626A and 1627A

- Output voltage: 0-30V
- Output current: 0-3A
- Constant voltage/constant current operation
- Fully overload protected
- One year warranty

615-1626A	1626A	B	Analog	
615-1627A	1627A	C	Digital	

Model 1710A and 1711A

- Output voltage: 0-30V
- Output current: 0-1A
- Constant voltage/constant current operation
- Analog display
- Two year warranty

615-1710A	1710A	D	0-30V, 0-1A	
615-1711A	1711A	D	0-60V, 0-2A	

Model 1740B

- Output voltage: 0-60V
- Output current: 0-4A
- Constant voltage/constant current operation
- Operate continuously at full load w/o overheating
- Two year warranty

615-1740B	1740B	E	Analog	

Model 1743B

- Output voltage: 0-35V
- Output current: 0-6A
- Constant voltage/constant current operation
- 3-digit LED
- Operate continuously at full load w/o overheating
- Two year warranty

615-1743B	1743B	F	Digital	

HIGH CURRENT SWITCHING DC POWER SUPPLIES

- Up to 60A output current
- Analog remote control via external voltage source or variable resistor
- Dual 3-digit LED displays
- Lightweight and compact
- Remote sense terminal
- Overtemperature protection circuitry
- Overvoltage protection
- Front panel auxiliary output

615-1693	1693	G	1-15V, 60A	
615-1694	1694	G	1-30V, 30A	

PROGRAMMABLE DC SWITCHING POWER SUPPLIES

Models 1696, 1697, 1698

Features:

- RS 232 interface
- Data logging capability
- Output disable
- Over voltage protection
- Constant voltage operation
- Constant current operation (current limiting)
- Easy-to-use
- Large easy to read LCD displays
- RS 232 to RS 485 Adapter required for RS 485 applications

MOUSER STOCK NO.	BK Precision Part No.	Fig.	Description	Price Each
615-1696	1696	H	1-20VDC, 0-9.99A	
615-1697	1697	H	1-40VDC, 0-5A	
615-1698	1698	H	1-60VDC, 3.3A	

SWITCHING DC POWER SUPPLIES

Models 1685B, 1687B, 1688B

- Automatic CV/CC crossover operation
- Lightweight and compact
- Rotary encoder control for precise voltage and current setting
- Save up to 3 user-defined voltage and current presets for quick recall
- Analog remote control function
- USB interface
- Front panel auxiliary output

615-1685B	1685B	I	1-60V, 0-5A	
615-1687B	1687B	I	1-36V, 0-10A	
615-1688B	1688B	I	1-18V, 0-20A	

HIGH POWER SWITCHING DC POWER SUPPLIES

- Automatic CV (Constant Voltage) CC
- Up to 60A output current
- Rotary encoder control for precise voltage and current setting
- Save up 3 use-defined voltage and current presets for quick recall
- Analog remote control function
- Remote sensing terminal (model 1900 only)

615-1900	1900	I	1-16V, 0-60A	
615-1901	1901	I	1-32V, 0-30A	
615-1902	1902	I	1-60V, 0-15A	

PROFESSIONAL, SINGLE OUTPUT, PROGRAMMABLE

- 10mV and 1mA Display Resolution
- Over-voltage protection and remote sensing
- Excellent regulation and very low noise
- SCPI compatible
- RS232 Interface
- Fast Transient Response Time
- Closed Case Calibration
- Output terminals are banana style (not binding posts)

615-9120A	9120A	J	0-30V, 0-3A	
615-9121A	9121A	J	0-20V, 0-5A	
615-9123A	9123A	J	0-30V/5A	
615-9124	9124	J	0-72V, 0-1.2A	

PROGRAMMABLE DC POWER SUPPLIES

Models 1785B, 1786B, 1787B, & 1788

- Sixteen user programmable preset outputs
- Controllable Output On/Off Switch
- 10mV/10mA setability resolution
- Closed case calibration
- Low ripple and noise
- Excellent temperature stability
- Serial interface cable and software included

615-1785B	1785B	K	0-18V, 0-5A	
615-1786B	1786B	K	0-32V, 0-3A	
615-1787B	1787B	K	0-72V, 0-1.5A	
615-1788	1788	K	0-32V, 0-6A	
Accessories				
615-IT-E131	IT-E131	-	RS 232 Interface Cable	
615-IT-E132	IT-E132	-	USB Interface Cable	
615-IT-E151	IT-E151	-	Rack Mount Kit	

1692 SWITCH MODE POWER SUPPLY

Features:

- Lightweight and compact
- High efficiency
- Current fold back circuitry with illuminated indicator prevents overloading the power supply
- Over temperature protection circuitry
- Over voltage protection prevents abnormal high output voltage
- High RFI stability
- Variable output 3V to 15V at 40A

MOUSER STOCK NO.	BK Precision Part No.	Fig.	Description	Price Each
615-1692	1692	L	3-15VDC, 40A	

MULTI-RANGE PROGRAMMABLE DC POWER SUPPLY

- Multi-ranging operation (output up to 1200 W within 80 V/60 A rating)
- High programming and readback resolution of 1 mV/1 mA
- Sequence programming (list mode)
- Standard USB (USBTMC-compliant), RS-232, GPIB, and RS-485 interfaces supporting SCPI commands for remote control

615-9115	9115	M	Auto Range DC Power Supply 80V/60A/1200W	

TRIPLE OUTPUT PROGRAMMABLE

- 3 independent, fully programmable and electrically isolated outputs
- Display and adjust Voltage and Current settings for all 3 channels simultaneously
- Flexible output configuration: Operate in series or parallel tracking mode
- SCPI compatible command set; Communicate via USB interface using the included USB to TTL Serial Converter cable
- RS232 interface cable, converting from RS232 to TTL, is optional (order IT-131)
- OVP (Over Voltage) and OTP (Over Temperature) protection
- Output on/off control
- Excellent stability and regulation
- Very compact foot print(rack mountable 2U X 1/2U)
- Application Software for front panel emulation and simple test sequence generation included
- 50 memory locations for instrument state storage and recall

615-9130	9130	N	Triple Output	

MODULAR PROGRAMMABLE DC ELECTRONIC LOAD

- Power range up to 2400 W
- Voltage range up to 500 V
- Current range up to 120 A
- Support for up to 16 channels with mainframe extension
- Transient mode up to 25 kHz
- 16-bit voltage and current measurement system providing high resolution of 0.1 mV and 0.01 mA

615-MDL001	MDL001	O	MDL001 Mainframe Up To 2400W	
615-MDL002	MDL002	O	MDL002 Mainframe Ext Up To 2400W	
615-MDL200	MDL200	O	MDL200 Module 200W/80V/40A	
615-MDL252	MDL252	O	MDL252 Module 250W/80V/20A	
615-MDL305	MDL305	O	MDL305 Module 300W/500V/20A	
615-MDL400	MDL400	O	MDL400 Module 400W/80V/60A	
615-MDL505	MDL505	O	MDL505 Module 500W/500V/30A	
615-MDL600	MDL600	O	MDL600 Module 600W/80V/120A	

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